

Abstract

An apparatus and method for measuring the pressure of a fluid near discharge ports 409 in a nozzle 213 of a fuel injector 201 are described. A fuel injector 201 is charged with fluid from a fluid tank 203 by a fuel pump 205. Upon activation of the fuel injector 201, the fluid is discharged from the nozzle 213. Fluid pressure in the nozzle 213 is communicated to a pressure sensor 215 through an orifice 411 in the nozzle 213. The pressure sensor 215 measures fluid pressure near the discharge ports 409 during fuel injector 201 operation.